

MAY 23, 2002

THOMAS J. PERKOWSKI, ÉSÓR THOMAS J. PERKOWSKI, ESQ. SOUNDVIEW PLAZA

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1266 EAST MAIN STREET STAMFORD, CONNECTICUT 06902 UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Weshington, D.C. 20231

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\*700013248A\*

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/22/2002 REEL/FRAME: 012724/0865

NUMBER OF PAGES: 16

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ZHU, XIAOXUN DOC DATE: 05/13/2002

ASSIGNOR:

AU, KA MAN DOC DATE: 05/13/2002

ASSIGNOR:

GERMAINE, GENNADY DOC DATE: 05/13/2002

ASSIGNOR:

KOLIS, GEORGE DOC DATE: 05/13/2002

ASSIGNOR:

GOOD, TIMOTHY A. DOC DATE: 05/13/2002

ASSIGNOR:

SCHNEE, MICHAEL D. DOC DATE: 05/13/2002

ASSIGNOR:

BLAKE, ROBERT E. DOC DATE: 05/13/2002

012724/0865 PAGE 2

ASSIGNOR:

KNOWLES, CARL HARRY DOC DATE: 05/14/2002

ASSIGNOR:

GHOSH, SANKAR DOC DATE: 05/13/2002

ASSIGNOR:

NAYLOR, CHARLES A. DOC DATE: 05/13/2002

ASSIGNOR:

WILZ SR., DAVID M. DOC DATE: 05/13/2002

ASSIGNOR:

TSIKOS, CONSTANTINE J. DOC DATE: 04/20/2002

ASSIGNOR:

LODGE, FRANCIS E. DOC DATE: 05/16/2002

er the second of the second of

ASSIGNOR:

COLAVITO, STEPHEN J DOC DATE: 04/18/2002

ASSIGNOR:

ROCKSTEIN, GEORGE B. DOC DATE: 05/20/2002

**ASSIGNEE:** 

METROLOGIO INSTRUMENTS, INC. 90 COLES ROAD

BLACKWOOD, NEW JERSEY 08012

SERIAL NUMBER: 10009368 FILING DATE:

PATENT NUMBER: ISSUE DATE:

MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION

OFFICE OF PUBLIC RECORDS

Attorney Docket: 100-085USA000

## PATENT ASSIGNMENT

For value received we, Xiaoxun Zhu, Ka Man Au, Gennady Germaine, George Kolis, Timothy A. Good, Michael D. Schnee, Robert E. Blake, Carl Harry Knowles, Sankar Ghosh, Charles Naylor, David M. Wilz, Sr., Constantine J. Tsikos, Francis Lodge, Stephen J. Colavito and George B. Rockstein hereby sell, assign and transfer to Metrologic Instruments, Inc., a corporation of New Jersey, having a place of business at 90 Coles Road, Blackwood, New Jersey 08012, as assignee, and its successors, assigns and legal representatives, the entire rights, title and interest, for all countries in and to certain inventions disclosed in U.S. Application Serial No. 10/009,368 entitled "UNITARY PACKAGE IDENTIFICATION AND DIMENSIONING SYSTEM EMPLOYING LADAR-BASED SCANNING METHODS", filed December 7, 2001, for Letters Patent of the United States, and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said invention be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said invention filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

	Metrologic Instruments, Inc. <u>USSN 10/009,368</u>
	Signed at Blackwood, New Jersey this 13 day of Nou, 2002.  Xiaoxun Zhu  Signed at Blackwood, New Jersey this 13 day of Nou, 2002.
	State of New Jersey ) ) ss: County of Gloucester ) Cander
	This day before me personally appeared XIAOXUN ZHU, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.
	Notary Public  KELLY A. DOTY  Notary Public of New Jersey  Commission Expires Jan 21, 2007
	Signed at Blackwood, New Jersey this 13 day of, 2002.  Ka Man Au (L.S.)
	State of New Jersey ) ) ss:  County of Gloucester Camden
	This day before me personally appeared KA MAN AU, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.
	Notary Public KELYA. DOTY  Notary Public of New Jersey  Notary Public of New Jersey
١	Commission Expires Jan 21, 2007

Page 2 of 9

	Patent Assignment in favor of
	Metrologic Instruments, Inc.
	<u>USSN 10/009,368</u>
	Signed at Blackwood, New Jersey this \( \begin{aligned} \text{May} \\ , 2002. \\ \text{Gennady Germaine} \end{aligned} \text{(L.S.)}
	State of New Jersey )
	) ss:
	County of Gloucester ) Camden
-	This day before me personally appeared GENNADY GERMAINE, who acknowledged
	the foregoing instrument and subscribed by him to be his free act and deed.
	Kan a Not.
	Notary Public Rolls
	Notary Public Notary Public of New Jersey
	Commission Expires Jan 21, 2007
	Signed at Blackwood, New Jersey this 13 day of 12 day . 2002.
	Signed at Blackwood, New Jersey
	Signed at Blackwood, New Jersey this 13 day of May, 2002.
	Signed at Blackwood, New Jersey
	Signed at Blackwood, New Jersey this 13 day of May, 2002.  Signed at Blackwood, New Jersey this 14 day of May, 2002.  George Rolis
	Signed at Blackwood, New Jersey this 13 day of May, 2002.  George Rotis  State of New Jersey ) ss:
	Signed at Blackwood, New Jersey this 13 day of 1, 2002.  George Rolls  State of New Jersey  (L.S.)

This day before me personally appeared GEORGE KOLIS, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

otary Public KELI

Notary Public of New Jersey

Commission Expires Jan 21, 2007

	. 1
Patent Assignment in favor of	. ,
Metrologic Instruments, Inc.	<u>,</u>
<u>USSN 10/009,368</u>	
·	
Signed at Blackwood New Jersey	
Signed at Blackwood, New Jersey this 13th day of My, 2002.	
, 2002.	
	Justing U. Land (L.S.)
	Timothy A. Good
	$\mathcal{O}$
State of New Jersey )	
) ss:	
County of Cloucester )	
This day before me persona	lly appeared TIMOTHY A. GOOD, who acknowledged the
foregoing instrument and subscribe	d by him to be his free act and deed.
	a of man to oo me noo dot and dood.
	V. A
	Delly a. Doly
	Notary Public () KELLY A. DOTY
	Notary Public of New Jersey
	Commission Expires Jan 21, 2007
Signed at Blackwood, New Jersey	
this <u>(</u> <b>S</b> day of <u>May</u> , 2002.	
l ノ	- 0- 0/
	MROH
	(L.S.)
	Michaell. Schnee
State of New Jersey )	
) ss:	
County of Gloucester )	
Camden	
• •	
This day before me persona	lly appeared MICHAEL D. SCHNEE, who acknowledged the
This day before me persona foregoing instrument and subscribe	lly appeared MICHAEL D. SCHNEE, who acknowledged the d by him to be his free act and deed.

KELLY A. DOTY

Notary Public of New Jersey Commission Expires Jan 21, 2007

Page 4 of 9

• •	
Patent Assignment in favor of Metrologic Instruments, Inc.	
<u>USSN 10/009,368</u>	
Signed at Blackwood, New Jersey this 13 day of MAY, 2002.	,
	Robert E. Blake (L.S.)
State of New Jersey )	
) ss: County of <del>Glouceste</del> r ) Camber	
This day before me person foregoing instrument and subscrib	ally appeared ROBERT E. BLAKE, who acknowledged the ed by him to be his free act and deed.
	Notary Public Q. Doty
	KELLY A. DOTY Notary Public of New Jersey Commission Expires Jan 21, 2007
Signed at Blackwood, New Jersey this <u>H</u> day of <u>Muy</u> , 2002.	
O	Carl Harry Knowles
State of New Jersey )	
) ss: County of <del>Gloucester</del> ) Camden	

This day before me personally appeared CARL HARRY KNOWLES, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

ary Public

Notary Public of New Jersey Commission Expires Jan 21, 2007

Patent Assignment in favor of Metrologic Instruments, Inc. <u>USSN 10/009,368</u>	. ).
Signed at Blackwood, New Jersey this 13 day of May, 2002.	Sankar Grosh (L.S.)
State of New Jersey ) ) ss: County of Gloucester ) Camber	
	ally appeared SANKAR GHOSH, who acknowledged the ed by him to be his free act and deed.
Signed at Blackwood, New Jersey this 13 day of mcu, 2002.	Notary Publis  KELLY A. DOTY  Notary Public of New Jersey  Commission Expires Jan 21, 2007  Charles A. Naylor  (L.S.)
State of New Jersey ) ) ss: County of Gloucester ) Cumular	
This day before me personathe foregoing instrument and subsc	ally appeared CHARLES A. NAYLOR, who acknowledged by him to be his free act and deed.

Notary Public

KELLY A. DOTY Notary Public of New Jersey Commission Expires Jan 21, 2007

Patent Assignment in favor of Metrologic Instruments, Inc. USSN 10/009,368		
Signed at Blackwood, New Jersey this 13 day of May, 2002.		
David M. Wilz, Sr. (L.S.)		
State of New Jersey )		
) ss: County of Gloucester <a coun<="" county="" of="" td="" the="" with=""></a>		
This day before me personally appeared DAVID M. WILZ, SR., who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.		
Notary Public  KELLY A. DOTY  Notary Public of New Jersey  Commission Expires Jan 21, 2007		
Signed at Blackwood, New Jersey this <b>20</b> day of <b>APRIL</b> , 2002.		
C.J. Tsits (L.S.)		
Constantine J. Tsikos		
State of New Jersey ) ) ss:		
County of Gloucester ) Camcler		
This day before me personally appeared CONSTANTINE J. TSIKOS, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.		

tary Public KELLY A. I

KELLY A. DOTY Notary Public of New Jersey Commission Expires Jan 21, 2007

Patent Assignment in favor of Metrologic Instruments, Inc. <u>USSN 10/009,368</u>		
Signed at Blackwood, New Jersey this 16 day of May, 2002.		
	Francis E. Lodge  (L.S.)	
State of New Jersey		
County of Gloucester )		
This day before me personally appeared FRANCIS E. LODGE, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.		
	Notary Public	
	KELLY A. DOTY Notary Public of New Jersey Commission Expires Jan 21, 2007	
Signed at Blackwood, New Jersey this 18 day of April , 2002.		
	Stephen J. Colavito (L.S.)	
State of New Jersey )		
County of Gloucester )		
This day before me personal the foregoing instrument and subscr	ly appeared STEPHEN J. COLAVITO, who acknowledged ibed by him to be his free act and deed.	

KELLY A. DOTY Notary Public of New Jersey Commission Expires Jan 21, 2007

Patent Assignment in favor of Metrologic Instruments, Inc. USSN 10/009,368	
Signed at Blackwood, New Jerse this <b>26</b> day of <b>May</b> , 2002.	George B. Rockstein
State of New Jersey	
) s County of <del>Gloucester</del> Cander	s:

This day before me personally appeared GEORGE B. ROCKSTEIN, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

KELLY A. DOTY

Notary Public of New Jersey Commission Expires Jan 21, 2007



## UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

OCTOBER 06, 1999

THOMAS J. PERKOWSKI, ESQ SOUNDVIEW PLAZA 1266 EAST MAIN STREET STAMFORD, CT 06902





UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAÎNED ON THIS NOTICE. INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/20/1999

REEL/FRAME: 010142/0641

NUMBER OF PAGES: 11

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GOOD, TIMOTHY A.

DOC DATE: 05/27/1999

ASSIGNOR:

ZHU, XIAOXUN

DOC DATE: 05/27/1999

ASSIGNOR:

WILZ, DAVID M. SR.

DOC DATE: 05/27/1999

ASSIGNOR:

ROCKSTEIN, GEORGE B.

DOC DATE: 05/28/1999

ASSIGNOR:

COLAVITO, STEPHEN J.

DOC DATE: 05/28/1999

ASSIGNOR:

BLAKE, ROBERT E.

DOC DATE: 05/28/1999

ASSIGNOR:

AU, KA MAN

1000A 1000 DATE: 05/28/1999

OCT 21 1999

010142/0641 PAGE 2

ASSIGNOR:

GHOSH, SANKAR DOC DATE: 05/28/1999

ASSIGNOR:

KOLIS, GEORGE DOC DATE: 05/28/1999

ASSIGNOR:

SCOTT, IAN A. DOC DATE: 05/28/1999

ASSIGNOR:

AMUNDSEN, THOMAS DOC DATE: 05/28/1999

ASSIGNOR:

GERMAINE, GENNADY DOC DATE: 05/28/1999

ASSIGNOR:

DEHENNIS, ANDREW D. DOC DATE: 07/01/1999

ASSIGNOR:

DICKSON, LEROY DOC DATE: 06/08/1999

ASSIGNOR:

KNOWLES, CARL HARRY DOC DATE: 05/27/1999

ASSIGNEE:

METROLOGIC INSTRUMENTS, INC. 90 COLES ROAD BLACKWOOD, NEW JERSEY 08012

SERIAL NUMBER: 09275518 FILING DATE: 03/24/1999

PATENT NUMBER: ISSUE DATE:

TARA WASHINGTON, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

Attorney Docket: 108-059USA000

## PATENT ASSIGNMENT

For value received we, Timothy A. Good, Xiaoxun Zhu, David M. Wilz, Sr., George B. Rockstein, Stephen J. Colavito, Robert E. Blake, Ka Man Au, Sankar Ghosh, George Kolis, Ian A. Scott, Thomas Amundsen, Gennady Germaine, Andrew D. Dehennis, LeRoy Dickson, and Carl Harry Knowles hereby sell, assign and transfer to Metrologic Instruments, Inc., a corporation of New Jersey, having a place of business at 90 Coles Road, Blackwood, New Jersey 08012, as assignee, and its successors, assigns and legal representatives, the entire rights, title and interest, for all countries in and to certain inventions disclosed in U.S. Application Serial No. 09/275,518 entitled "AUTOMATED SYSTEM AND METHOD FOR IDENTIFYING AND MEASURING PACKAGES TRANSPORTED THROUGH A LASER SCANNING TUNNEL," filed March 24, 1999 for Letters Patent of the United States, and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said invention be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said invention filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Patent Assignment U.S.S.N. 09/275,518 Attorney Docket: 108-059USA000

Signed at Blackwood, New Jersey this 21 day of May, 1999

Timothy A. Good

State of New Jersey ) ) ss:
County of Gloucester )

This day before me personally appeared TIMOTHY A. GOOD, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Kuly G Ooty Notary Public

KELLY A. DOTY

NOTARY PUBLIC OF NEW JERSEY

Commission Expires 1 / 12 12

Signed at Blackwood, New Jersey this 27 day of May, 1999

Xiaoxun Zhu (L.S.

State of New Jersey )
) ss:
County of Gloucester )

This day before me personally appeared XIAOXUN ZHU, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Gommission Expires 1/2i/1302

Page 2 of 9

Patent Assignment U.S.S.N. 09/275,518

Attorney Docket: 108-059USA000

Signed at Blackwood, New Jersey this 27 day of May, 1999

State of New Jersey ) ss: County of Gloucester

This day before me personally appeared DAVID M. WILZ, SR., who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

KELLY A. DOTY NOTARY PUBLIC OF NEW JERSEY Commission Expires 1/2 / 12

Signed at Blackwood, New Jersey this 26 day of May, 1999

State of New Jersey

) ss:

County of Gloucester

This day before me personally appeared GEORGE B. ROCKSTEIN, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Patent Assignment
U.S.S.N. 09/275,518
Attorney Docket: 108-059USA000

Signed at Blackwood, New Jersey this 25 day of May, 1999

State of New Jersey )
) ss:

County of Gloucester

This day before me personally appeared STEPHEN J. COLAVITO, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

Signed at Blackwood, New Jersey this 24 day of May, 1999

Mark E Blake (L.S

Robert E. Blake

State of New Jersey )
) ss:
County of Gloucester )

This day before me personally appeared ROBERT E. BLAKE, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Patent Assignment U.S.S.N. 09/275,518 Attorney Docket: 108-059USA000

Signed at Blackwood, New Jersey this 22 day of May, 1999

Ka Man Au

State of New Jersey ) ss County of Gloucester )

This day before me personally appeared KA MAN AU, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public C. Ooty

KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

Signed at Blackwood, New Jersey this 20 day of May, 1999

Sankai Ghosh (L.S.

State of New Jersey ) ) ss:

County of Gloucester )

This day before me personally appeared SANKAR GHOSH, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Patent Assignment U.S.S.N. 09/275,518

Attorney Docket: 108-059USA000

Signed at Blackwood, New Jersey this 26 day of May, 1999

Mag fali (L.S.)
Geofge Kolis

State of New Jersey )
) ss:
County of Gloucester )

This day before me personally appeared GEORGE KOLIS, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

Signed at Blackwood, New Jersey this 20 day of May, 1999

Ian A Scott

State of New Jersey )
) ss:
County of Gloucester )

This day before me personally appeared IAN A. SCOTT, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

Page 6 of 9

Patent Assignment
U.S.S.N. 09/275,518
Attorney Docket: 108-059USA000

Signed at Blackwood, New Jersey this 46 day of May, 1999.

State of New Jersey )
) ss:
County of Gloucester )

This day before me personally appeared THOMAS C. AMUNDSEN, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

NOTARRY PUBLIC OF NEW JERSEY Commission Expires 1/21/2002

Signed at Blackwood, New Jersey this 26 day of May, 1999

Jermin (L.S. Gennady Germaine

State of New Jersey )

) ss:

)

County of Gloucester

This day before me personally appeared GENNADY GERMAINE, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Patent Assignment U.S.S.N. 09/275,518 Attorney Docket: 108-059USA000 Signed at Blackwood, New Jersey this \_\_\_\_ day of May, 1999 State of New Jersey ) ss: County of Gloucester This day before me personally appeared ANDREW D. DEHENNIS, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

KELLY A. DOTY NOTARY PUBLIC OF NEW JERSEY Commission Expires 1/21/2002

Signed at San Jose, California this <u>\$</u> day of <u>May</u>, 1999

State of California

) ss:

County of Santa Clara

This day before me personally appeared LEROY DICKSON, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.



Patent Assignment U.S.S.N. 09/275,518 Attorney Docket: 108-059USA000

Signed at Blackwood, New Jersey this Aday of May, 1999.

/ Course (L.

C. Harry Knowles

State of New Jersey ) ) ss:

County of Gloucester

This day before me personally appeared C. HARRY KNOWLES, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public